APPENDIX IV – TIDES AND WATER LEVELS

Abstract of Times of Hydrography

Start and End times refer to tidal applications requirement.

Time on Task indicates actual time of task in the survey area. All times and dates are in UTC.

05_7Pavlof

Date Flown	JD	Sortie No	Start Time	End Time	Time on Task
May-15-05	135	2	0:06	7:00	6:54
May-16-05	136	3	20:06	2:00	5:54
May-19-05	139	5	20:06	4:00	7:54
May-20-05	140	6	23:06	5:00	5:54
May-21-05	141	7	22:06	4:30	6:24
May-22-05	142	8	21:06	6:00	8:54
May-24-05	144	9	14:36	20:00	5:24
June-3-05	154	13	21:06	23:54	2:48
June-4-05	155	14	14:06	16:54	2:48
June-28-05	179	18	19:06	2:30	7:24
July-1-05	182	19	21:36	4:00	6:24
July-6-05	187	21	15:36	22:54	7:18
July-10-05	191	23	17:36	23:30	5:54
July-12-05	193	24	22:06	5:00	6:54
July-15-05	196	26	2:06	7:00	4:54
July-28-05	209	29	0:06	5:06	5:00
July-30-05	211	30	19:00	1:00	5:00
Aug-3-05	215	31	14:00	22:00	8:00
Aug-8-05	220	33	17:00	21:12	4:12

T I D A L D A T U M S

Tidal datums at SAND POINT, POPOF ISLAND based on:

LENGTH OF SERIES:	19 Years
TIME PERIOD:	January 1983 - December 2001
TIDAL EPOCH:	1983-2001
CONTROL TIDE STATION:	

Elevations of tidal datums referred to Mean Lower Low Water (MLLW), in METERS:

HIGHEST OBSERVED WATER LEVEL (12/31/1986)	= 3.531
MEAN HIGHER HIGH WATER (MHHW)	= 2.204
MEAN HIGH WATER (MHW)	= 1.988
MEAN TIDE LEVEL (MTL)	= 1.197
MEAN SEA LEVEL (MSL)	= 1.181
MEAN LOW WATER (MLW)	= 0.406
MEAN LOWER LOW WATER (MLLW)	= 0.000
LOWEST OBSERVED WATER LEVEL (11/15/1993)	= -1.120

Bench Mark Elevation Information In METERS above:

Stamping or Designation	MLLW	MHW
9450 R 1991	4.593	2.605
9450 S 1991	4.582	2.594
9450 T 1991	3.836	1.848
9450 U 1991	4.397	2.409
945 9450 SHEET PILE BOLT	4.006	2.018
9450 V 1992	4.180	2.192
9450 W 1992	3.553	1.565
9450 X 1992	3.731	1.743
9450 Y 1997	4.559	2.571
1293-1 1984	3.585	1.598

Datums

Click HERE for printable version

Data Units:

Feet Meters Apply Change

Oct 2 2006 13:45 ELEVATIONS ON STATION DATUM
National Ocean Service (NOAA)

Station: 9459758 **T.M.: 0**
W
Name: DOLGOI HARBOR, DOLGOI ISLAND, AK **Units:**
Meters
Status: Accepted **Epoch: 1983-**
2001

Datum	Value	Description
MHHW	8.271	Mean Higher-High Water
MHW	8.068	Mean High Water
DTL	7.237	Mean Diurnal Tide Level
MTL	7.335	Mean Tide Level
MSL	7.317	Mean Sea Level
MLW	6.603	Mean Low Water
MLLW	6.203	Mean Lower-Low Water
GT	2.067	Great Diurnal Range
MN	1.464	Mean Range of Tide
DHQ	0.203	Mean Diurnal High Water Inequality
DLQ	0.400	Mean Diurnal Low Water Inequality
HWI	11.39	Greenwich High Water Interval (in Hours)
LWI	4.96	Greenwich Low Water Interval (in Hours)
NAVD		North American Vertical Datum
Maximum		Highest Water Level on Station Datum
Max Date		Date Of Highest Water Level
Max Time		Time Of Highest Water Level
Minimum		Lowest Water Level on Station Datum
Min Date		Date Of Lowest Water Level
Min Time		Time Of Lowest Water Level

To refer Water Level Heights to a Tidal Datum, apply the desired Datum Value.

Click HERE for further station information including New Epoch products.